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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/751,285	12/29/2000	Gopal N. Iyer	00264	8916
7590	10/07/2003			EXAMINER
Michael D. Lazzara Kirkpatrick & Lockhart LLP 535 Smithfield Street Pittsburgh, PA 15222			SMITH, SHEILA B	
			ART UNIT	PAPER NUMBER
			2681	
			DATE MAILED: 10/07/2003	
				6

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/751,285	IYER, GOPAL N.
	<b>Examiner</b>	<b>Art Unit</b>
	Sheila B. Smith	2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM

#### THE MAILING DATE OF THIS COMMUNICATION.

Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed

- after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.  
 2a) This action is **FINAL**.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-14 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_ is/are allowed.  
 6) Claim(s) 1-5,7-11,13 and 14 is/are rejected.  
 7) Claim(s) 6 and 12 is/are objected to.  
 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 11) The proposed drawing correction filed on \_\_\_\_ is: a) approved b) disapproved by the Examiner.  
     If approved, corrected drawings are required in reply to this Office action.  
 12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All b) Some \* c) None of:  
     1. Certified copies of the priority documents have been received.  
     2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
     3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
     \* See the attached detailed Office action for a list of the certified copies not received.  
 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
     a) The translation of the foreign language provisional application has been received.  
 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                           | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). ____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5 . | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-3,5,8,9-11,13,16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Threadgill et al. (U. S. Patent Number 6,014,374).

*Regarding claims 1,* Threadgill et al. discloses essentially all the claimed invention as set fourth in the instant application, further Threadgill et al. discloses a network engineering systems engineering system for mobile satellite communication system. In addition Threadgill et al. discloses a generating a tear down report based on call specific data obtained in a wireless network, said method comprising: receiving as input a Corsair Phoneprint data (which reads on Threadgill et al. disk-base file) file including said call specific data (which reads on column 21 lines 15-20); feeding said data file to a thematic mapping software program (which reads on column 22 lines 1-10); and generating a graphical representation of said data file with said mapping software program (which reads on column 28 lines 24-27). However Threadgill et al. fails to specifically discloses a Corsair Phoneprint data file.

Especially in view of the fact that the applicant disclosed in the specification that the Corsair Phoneprint data file is “a software package”. Threadgill et al. does provide for the a software package which more than adequately meet the limitations.

Therefore, it would have been obvious to one of ordinary skill at the time the invention was made to modify Threadgill et al. by specifically providing for a Corsair Phoneprint data file with a software package as taught by Threadgill et al. for the purpose of processing and authenticating the number.

***Regarding claims 2,8,14,*** Threadgill et al. discloses everything claimed, as applied above (see claim 1) additionally, Threadgill et al. discloses data file includes call specific data selected from the group consisting of Date, Time of Call, Site ID, ESN of the fraudulent mobile, and telephone number (which reads on column 5 lines 60-64).

***Regarding claims 3,9,*** Threadgill et al. discloses everything claimed, as applied above (see claim 1) additionally, Threadgill et al. discloses generating an output report based on said data file including Cell Number and total call tear downs for a predetermined time period. (which reads on column 51 lines 27-30).

~~3. The method of Claim 1, further comprising~~

***Regarding claims 4,10,*** Threadgill et al. discloses everything claimed, as applied above (see claim 1) additionally, Threadgill et al. discloses feeding said output report to said mapping software program and generating a graphical representation of said output report therefrom (which reads on column 28 lines 24-27).

***Regarding claims 5,11,*** Threadgill et al. discloses everything claimed, as applied above (see claim 1) additionally, Threadgill et al. discloses graphical representation includes cell sites color coded according to tear down data of said data file (which reads on column 5 lines 27-30).

***Regarding claim 7,*** Threadgill et al. discloses everything claimed, as applied above (see claim 1) additionally, Threadgill et al. discloses a computer readable medium containing instructions for generating a tear down report based on call specific data obtained in a wireless network, said method comprising (which reads on column 5 lines 6-9): receiving as input a Corsair Phoneprint data (which reads on Threadgill et al. disk-base file) file including said call specific data (which reads on column 21 lines 15-20); feeding said data file to a thematic mapping software program (which reads on column 22 lines 1-10); and generating a graphical representation of said data file with said mapping software program (which reads on column 28 lines 24-27). However Threadgill et al. fails to specifically discloses a Corsair Phoneprint data file.

Especially in view of the fact that the applicant disclosed in the specification that the Corsair Phoneprint data file is “a software package”. Threadgill et al. does provide for the a software package which more than adequately meet the limitations.

Therefore, it would have been obvious to one of ordinary skill at the time the invention was made to modify Threadgill et al. by specifically providing for a Corsair Phoneprint data file with a software package as taught by Threadgill et al. for the purpose of processing and authenticating the number.

***Regarding claim 13,*** Threadgill et al. discloses essentially all the claimed invention as set fourth in the instant application, further Threadgill et al. discloses a network engineering systems engineering system for mobile satellite communication system. In addition Threadgill et al. discloses a generating a tear down report based on call specific data obtained in a wireless network, said method comprising: a user access device receiving as input a Corsair Phoneprint

data (which reads on Threadgill et al. disk-base file) file including said call specific data (which reads on column 21 lines 15-20); a processor for feeding said data file to a thematic mapping software program (which reads on column 5 lines 25-29 and column 22 lines 1-10); and processor for generating a graphical representation of said data file with said mapping software program (which reads on column 28 lines 24-27). However Threadgill et al. fails to specifically discloses a Corsair Phoneprint data file.

Especially in view of the fact that the applicant disclosed in the specification that the Corsair Phoneprint data file is “a software package”. Threadgill et al. does provide for the a software package which more than adequately meet the limitations.

Therefore, it would have been obvious to one of ordinary skill at the time the invention was made to modify Threadgill et al. by specifically providing for a Corsair Phoneprint data file with a software package as taught by Threadgill et al. for the purpose of processing and authenticating the number.

*Allowable Subject Matter*

2. Claims 6,12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheila B. Smith whose telephone number is (703)305-0104. The examiner can normally be reached on Monday-Thursday 6:00 am - 3:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on 703-305-4040. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-0104.

*Sin G*

SINH TRAN  
PRIMARY EXAMINER

S. Smith  
October 1, 2003